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(54) Title: STABILIZATION OF OLEFIN METATHESIS PRODUCT MIXTURES

(57) Abstract: A process of stabilizing an olefin metathesis product mixture, preferably, against double bond isomerization and thermal and chemical degradation. The process involves (a) contacting an olefin metathesis product mixture comprising one or more olefins produced in a metathesis process, a metathesis catalyst comprising a catalytic metal and one or more ligands, optionally, one or more metathesis catalyst degradation products, and optionally, one or more metals derived from sources other than the catalyst or catalyst degradation product(s), with an adsorbent, more preferably carbon; or alternatively, (b) subjecting the olefin metathesis product mixture to a two-step distillation, preferably, including short path wiped-film evaporation. A stabilized olefin metathesis product mixture is disclosed containing one or more olefins obtained in a metathesis process and having a total concentration of metal(s) of less than about 30 parts per million by weight.

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